

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A resistor paste comprising a glass material substantially not including lead and including NiO, a conductive material substantially not including lead, and an organic vehicle.

2. (Original) A resistor paste comprising a glass material substantially not including lead and including 0.1 to 10 mol% of NiO, a conductive material substantially not including lead, and an organic vehicle.

3. (Currently Amended) The resistor paste as set forth in claim 1-~~or 2~~, wherein a content of said glass material is 65 to 93 volume% and a content of said conductive material is 7 to 35 volume%.

4. (Currently Amended) The resistor paste as set forth in claim 1-~~or 2~~, wherein a content of said glass material is 49 to 88 wt% and a content of said conductive material is 10 to 51 wt%.

5. (Currently Amended) The resistor paste as set forth in ~~any one of claims 1 to 4~~ claim 1, wherein said glass material includes

an A group including at least one kind selected from CaO, SrO, BaO and MgO,

a B group including B₂O₃,

a C group including SiO₂,

a D group including at least one of ZrO₂ and Al₂O₃, and

an E group including NiO.

6. (Original) The resistor paste as set forth in claim 5, wherein contents of the respective groups are

A group: 20 to 40 mol%,

B group: 18 to 45 mol%,

C group: 21 to 40 mol%,

D group: 10 mol% or smaller (note that 0 mol% is excluded), and

E group: 0.1 to 10 mol%.

7. (Currently Amended) The resistor paste as set forth in ~~any one of claims 1 to 4~~ claim 1, wherein said glass material includes

an A group including at least one kind selected from CaO, SrO, BaO and MgO,

a B group including B₂O₃,

a C group including SiO₂, and

an E group including NiO.

8. (Original) The resistor paste as set forth in claim 7, wherein contents of the respective groups are

A group: 20 to 40 mol%,

B group: 18 to 45 mol%,

C group: 21 to 40 mol%, and

E group: 0.1 to 10 mol%.

9. (Currently Amended) The resistor paste as set forth in ~~any one of claims 1 to 8~~
claim 1, including CuO as an additive, wherein a content of the CuO is 0.1 to 2 volume%.

10. (Currently Amended) The resistor paste as set forth in ~~any one of claims 1 to 8~~
claim 1, including CuO as an additive, wherein a content of the CuO is 0.1 to 6 wt%.

11. (Currently Amended) The resistor paste as set forth in ~~any one of claims 1 to 10~~
claim 1, including an oxide having a perovskite type crystal structure as an additive, wherein
a content of the oxide is 0.1 to 12 volume%.

12. (Currently Amended) The resistor paste as set forth in ~~any one of claims 1 to 10~~
claim 1, including an oxide having a perovskite type crystal structure as an additive, wherein
a content of the oxide is 0.1 to 20 wt%.

13. (Currently Amended) The resistor paste as set forth in claim 11 ~~or 12~~, wherein
the oxide having a perovskite type crystal structure is CaTiO_3 .

14. (Original) A resistor including a glass material substantially not including lead
and including NiO and a conductive material substantially not including lead.

15. (Original) An electronic device comprising a resistor, wherein said resistor
includes a glass material substantially not including lead and including NiO and a conductive
material substantially not including lead.